



U.S. Department of Justice
Drug Enforcement Administration

South Central Laboratory
Dallas, TX

Chemical Analysis Report

ICE - Brownsville Office
1800 Paredes Line Road
Brownsville, TX 78521

Case Number: [REDACTED]
LIMS Number: 2020-SFL6-02239

Observations, Results and Conclusions:

Exhibit	Substance(s) Identified	Net Weight	Substance Purity	Amount Pure Substance
1	Cocaine Hydrochloride	10023 g \pm 1 g	----	----

Remarks:

The net weight was determined by direct weighing of all unit(s). The net weight uncertainty value represents an expanded uncertainty estimate at the 95% level of confidence.

Exhibit Details:

Date Accepted by Laboratory: 03/20/2020 Gross Weight: 11.55 kg Date Received by Examiner: 09/28/2020

Exhibit	No. Units	Pkg. (Inner)	Form	Reserve Wt.
1	10	Multilayered Packaging	Powder	10019 g

Remarks:

1.0 gram removed from each of 3 containers for special program.

Exhibit Analysis:

Sampling:

Cocaine confirmed in 9 units tested of 10 units received indicating, to at least a 95% level of confidence, that at least 90% of the units in the population contain the substance(s). A composite was formed from 10 units for further testing. Salt form and determined from testing the composite.

Exhibit	Summary of Test(s)
1	Cobalt (II) Thiocyanate Color Test, Gas Chromatography/Mass Spectrometry, Infrared Spectroscopy

The terminology used in the preparation of this report is consistent with the current Department of Justice Uniform Language for Testimony and Reports for General Forensic Chemistry and Seized Drug Examinations.

Analyzed By: /S/ Scott Wischnewsky, Senior Forensic Chemist

Date: 10/01/2020

Approved By: /S/ Marie D. Prince, Senior Forensic Chemist

Date: 10/01/2020



U.S. Department of Justice
Drug Enforcement Administration

South Central Laboratory
Dallas, TX

Chemical Analysis Report

ICE - Dallas Office
125 E. John Carpenter Freeway, Suite 800
IRVING, TX 75062

Case Number: [REDACTED]
LIMS Number: 2020-SFL6-07571

Observations, Results and Conclusions:

Exhibit	Substance(s) Identified	Net Weight	Substance Purity	Amount Pure Substance
1	Cocaine Hydrochloride	20708 g \pm 1 g	----	----

Remarks:

The net weight was determined by direct weighing of all unit(s). The net weight uncertainty value represents an expanded uncertainty estimate at the 95% level of confidence.

Exhibit Details:

Date Accepted by Laboratory: 10/15/2020 Gross Weight: 22.41 kg Date Received by Examiner: 10/28/2020

Exhibit	No. Units	Pkg. (Inner)	Form	Reserve Wt.
1	1	Multilayered Packaging	Powder	20707 g

Remarks:

Exhibit Analysis:

Sampling:

A composite was formed from 1 unit for testing of 1 unit received. Cocaine confirmed in the composite. Salt form determined from testing the composite.

Exhibit	Summary of Test(s)
1	Gas Chromatography/Mass Spectrometry, Infrared Spectroscopy

The terminology used in the preparation of this report is consistent with the current Department of Justice Uniform Language for Testimony and Reports for General Forensic Chemistry and Seized Drug Examinations.

Analyzed By: /S/ Scott Wischnewsky, Senior Forensic Chemist
Approved By: /S/ John W. McIlroy, Senior Forensic Chemist

Date: 11/13/2020
Date: 11/18/2020



Scott Wischnewsky
Department of Justice
Drug Enforcement Administration
Office of Forensic Sciences

Senior Forensic Chemist
South Central Laboratory
Dallas, Texas

AREA OF EXPERTISE

Forensic Discipline

Seized Drug Analysis

Expert Testimony

01/18/2023; Brownsville, TX; USA v. BALTAZAR REYES-HERRERA, B-20-743
12/14/2022; Plano, TX; USA v. MIGUEL ANGEL VARGAS VELEZ (3), 4:21CR254
08/30/2022; San Antonio, TX; USA v. Jesus Rodriguez (4) Rosalinda Flores (8), 5:20-CR-00580-OLG
07/14/2022; Detroit, MI; USA v. Ricardo Zamora Aka. Ricardo Zamora-Lopez, 20-CR-20318
11/03/2021; McAllen, TX; USA v. Javier Lugo, et al, M-20-0946-S2
02/19/2020; Ft. Worth, TX; USA v. Paul Garza, 4:19-CR-374-O
Testified at least 60 times in federal court and 9 times in state court.

PROFESSIONAL EXPERIENCE

Drug Enforcement Administration

Senior Forensic Chemist, South Central Laboratory, (Dallas, TX), 2009 – present; analyzed at least 2500 exhibits

Training

Bowdoin College, Interpretation of Infrared and Raman Spectra, Brunswick, Maine
McCrone Research Institute, Applied Polarized Light Microscopy, Chicago, IL
Agilent Technologies, HPLC Column Innovation Provides Better Separation, Dallas, TX
Agilent Technologies, Rapid Resolution (HPLC) Practical Considerations, Dallas, TX
Agilent Technologies, Troubleshooting GC Systems, Dallas, TX
Agilent Technologies, Optimizing GC temperature Programs, Dallas, TX
Agilent Technologies, Introduction to GC, Dallas, TX
Agilent Technologies, HPLC Trouble shooting and maintenance, Atlanta, GA
DEA Training, Basic Forensic Chemist School, Quantico, VA
DEA Training, In house Forensic Chemist Training, Dallas, TX

EDUCATION AND CERTIFICATIONS

Degree Program(s)

Texas A&M at Commerce, (Commerce, Texas)

Bachelor of Science in Biology, 1995



U. S. Department of Justice
Drug Enforcement Administration
South Central Laboratory
10150 Technology Blvd., E.
Dallas, Texas 75220

www.dea.gov

April 4, 2023

TO: Heather Rattan
Assistant United States Attorney

FROM: Scott Wischnewsky
Senior Forensic Chemist

SUBJECT: RULE 16(a)(1)(G) SUMMARY OF TESTIMONY IN UNITED STATES v.
Debra Mercer, ET. AL.

Reference Laboratory Report(s) and Analyst Notes for DEA LIMS Case Number(s):
2020-SFL6-02239, 2020-SFL6-07571

The following summary of testimony is provided as required by Federal Rule of Criminal Procedure 16(a)(1)(G) and is a complete statement of my opinions, which are exclusive to and address only the exhibit(s) identified in this summary:

1. My name is: Scott Wischnewsky
2. I am employed by the U.S. Department of Justice, Drug Enforcement Administration (DEA), in the capacity of forensic chemist, and was so employed when I conducted the examinations and analyses described in the attached laboratory report(s) and analyst notes. My qualifications to conduct the examinations and analyses, and to express an opinion as to the identity of the material contained in the exhibit(s) described in the attached laboratory report(s), are based on my knowledge, skill, experience, training, and education. See my attached Curriculum Vitae for additional information regarding my qualifications, including previous testimony offered in the last four years and any publications authored in the last ten years.
3. The opinions described in the attached laboratory report(s) and analyst notes are based on chemical, physical, and instrumental analyses, the results generated by those analyses, and my interpretation of those results set forth in the attached laboratory report(s) and analyst notes. The manner and process by which I performed the analyses were, to the best of my knowledge, in accordance with the publicly available Analysis of Drugs Manual (ADM) and Laboratory Operations Manual (LOM), in effect at the time of analysis. These are generally available at:

https://www.dea.gov/resources/documents?f%5B0%5D=publication_type%3A2596, or were otherwise disclosed upon request.

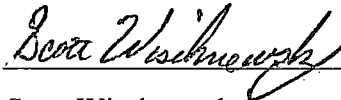
SUBJECT: RULE 16(a)(1)(G) SUMMARY OF TESTIMONY IN UNITED STATES v.
Debra Mercer, ET. AL.

DEA LIMS Case Number(s): 2020-SFL6-02239, 2020-SFL6-07571

4. I analyzed the material contained in the exhibit(s) which were submitted for analysis in the above referenced case number(s). My conclusions are included as part of the attached forensic laboratory report(s) and analysts notes.
5. The analytical methods used in the analyses are validated and verified according to our assurance policy to ensure the methods are reliable and fit-for-purpose and the techniques utilized are widely accepted and employed in the scientific and forensic community. Summaries of instrumental methods are available at:

https://www.dea.gov/resources/documents?f%5B0%5D=publication_type%3A2596

Pursuant to Fed. R. Crim. P. 16(a)(1)(G)(v), I approve the foregoing disclosure.



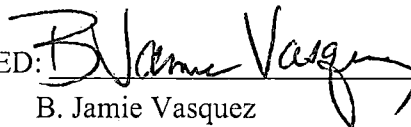
Scott Wischnewsky

Senior Forensic Chemist

April 4, 2023

Date

APPROVED:



B. Jamie Vasquez

Associate Laboratory Director

Attachments

Case Details Report

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-02239

Investigating Agency: ICE - Brownsville Office

of I.A. Exhibits: 1

of Lab Exhibits: 2

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	10 plastic wrapped bundles of a white powder	SSEE (1650085)

Gross Weight Equipment : DEA 361258		Analyst: SWISCHNEWSKY (2020.09.30)
Gross Weight (Reported)	11.45 kg	
Gross Weight (Actual)	11557.8 g	
Gross Weight (delta)	107.8 g	
Gross Weight (delta %)	0.93 %	
Weight Discrepancy	Yes	
Discrepancy Witness	VBRAVENEK	
Remarks	No Remarks	

Description of Evidence		Analyst: SWISCHNEWSKY (2020.09.30)
Seals	Intact	
Date Opened	2020-09-29	
Description	One SSEE containing 10 kilo sized bundles.	
Consistent With Paperwork?	Yes	
Remarks	No Remarks	

Description of Exhibit and Sampling		Analyst: SWISCHNEWSKY (2020.09.30)
Number of Packages	10 unit	
Number of Units	10 unit	
Package Type	Multilayered Packaging	
Logo/Impression	No	
Gross Form	Powder	
Dry/Moist	Dry	
Exemplar	No	
Required Number of Units to Test	9 unit	
Number of Units Tested	9 unit	
Sampling Procedure	The 9 samples were screened by GC-MS and cobalt thiocyanate. One 1g sample was taken from each unit and two 1g samples were taken from 5 units to form a composite. The composite was ground, sieved (20 mesh) and mixed thoroughly for further analysis.	
Deviation from Sampling Plan	No	
Remarks	No Remarks	

Net Weight Equipment : DEA 361258		Analyst: SWISCHNEWSKY (2020.09.30)
Residue	No	
Type of Weighing	Direct Weighing	
Net Weight	10023 g	
Net Weight Uncertainty	1 g	
Remarks	new ZPB's	
Use Legacy Calculator	No	

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-02239

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	10 plastic wrapped bundles of a white powder	SSEE (1650085)

Cobalt (II) Thiocyanate Color Test : Run # 1 - Set # 1 blk

Analyst: SWISCHNEWSKY (2020.09.30)

Negative Control Run	Yes
Negative Control Result	Pass
Remarks	Results for units 1-9. Lot# COB-G4-053117

Cobalt (II) Thiocyanate Color Test : Run # 1 - Set # 2 spl

Analyst: SWISCHNEWSKY (2020.09.30)

Negative Control Run	No
Color	Blue
Remarks	Results for units 1-9. Lot# COB-G4-053117

GC-MS Analysis : Run # 1 - Set # 1 blk

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	Yes
Negative Control Type	Instrumental/Solvent
Negative Control Result	Pass
Solvent	MeOH
Remarks	No Remarks

GC-MS Analysis : Run # 1 - Set # 2 spl 1

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result

Constituent	Comments
Cocaine, Salt Undetermined	---

GC-MS Analysis : Run # 1 - Set # 3 spl 2

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result

Constituent	Comments
Cocaine, Salt Undetermined	---

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-02239

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	10 plastic wrapped bundles of a white powder	SSEE (1650085)

GC-MS Analysis : Run # 1 - Set # 4 spl 3

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result**Constituent** **Comments**

Cocaine, Salt Undetermined ---

GC-MS Analysis : Run # 1 - Set # 5 spl 4

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result**Constituent** **Comments**

Cocaine, Salt Undetermined ---

GC-MS Analysis : Run # 1 - Set # 6 spl 5

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result**Constituent** **Comments**

Cocaine, Salt Undetermined ---

GC-MS Analysis : Run # 1 - Set # 7 spl 6

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result**Constituent** **Comments**

Cocaine, Salt Undetermined ---

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-02239

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	10 plastic wrapped bundles of a white powder	SSEE (1650085)

GC-MS Analysis : Run # 1 - Set # 8 spl 7

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result

Constituent	Comments
Cocaine, Salt Undetermined	---

GC-MS Analysis : Run # 1 - Set # 9 spl 8

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result

Constituent	Comments
Cocaine, Salt Undetermined	---

GC-MS Analysis : Run # 1 - Set # 10 spl 9

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361431

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result

Constituent	Comments
Cocaine, Salt Undetermined	---

Composite Weight

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361224

Reserve Composite Weighed	Yes
Composite Weight	15.19 g
Reserve Composite Weight	14.97 g
Amount Composite Used	0.22 g
Remarks	new ZPB

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-02239

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	10 plastic wrapped bundles of a white powder	SSEE (1650085)

FTIR Analysis : Run # 1 - Set # 1 blk

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361423, DEA 361453

Negative Control Run	Yes
Background	Pass
Negative Control Type	Instrumental
Negative Control Result	Pass
Remarks	No Remarks

FTIR Analysis : Run # 1 - Set # 2 comp

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361423, DEA 361453

Negative Control Run	No
Sample Prep	direct
Remarks	The absorbance around 3400 does not impact the identification.

Spectral Result

Constituent	Comments
Cocaine Hydrochloride	---

Reserve Weight

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361258

Residue?	No
Type of Calculation	No Calculation
Reserve Weight	10019.6 g
Remarks	new ZPB's

Description of Reserve Evidence

Analyst: SWISCHNEWSKY (2020.09.30)

Description	The 10 samples were placed into 10 new ZPB's. The composite was placed into a new ZPB. The original wrappings were placed into 2 new ZPB's. The 13 ZPB's were HS into the original SSEE.
Date Sealed	2020-09-30
Remarks	No Remarks

Gross Weight After Analysis

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361258

Gross Weight After Analysis	11786.3 g
Remarks	No Remarks

Summary of Findings

Analyst: SWISCHNEWSKY (2020.09.30)

Findings					
Exhibit	Gross Wt	Net Wt (Reported)	Net Wt	Reserve Wt	Retained Wt
1	11.55 kg	10023 g ± 1 g	10023.4 g ± 1.04112 g	10019 g	
Constituent	Purity	APD (Reported)	APD		
Cocaine Hydrochloride					

Exemplar Weight Removed

Analyst: SWISCHNEWSKY (2020.09.30)

Amount of Exemplar Removed	3.13559 g
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» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-02239

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	CSP samples	SSEE (1747282)

CSP Sample Weight

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361241

Number of Samples	3
CSP Total Sample Weight	3.13559 g
CSP Average Sample Weight	1.0452 g
Remarks	No Remarks

Description of Reserve Evidence

Analyst: SWISCHNEWSKY (2020.09.30)

Description	The 3 samples were placed into 3 new vials, The 3 vials were sealed into a new SSEE.
Date Sealed	2020-09-30
Remarks	No Remarks

Gross Weight - SP/LP

Analyst: SWISCHNEWSKY (2020.09.30)

Equipment : DEA 361224

Gross Weight	79.75 g
Remarks	No Remarks

Case Details Report

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-07571

Investigating Agency: ICE - Dallas Office

of I.A. Exhibits: 1

of Lab Exhibits: 1

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	The bundle contained plastic wrapped white powder.	Box (1756073)

Gross Weight Equipment : DEA 361257		Analyst: SWISCHNEWSKY (2020.11.13)
Gross Weight (Reported)	21 kg	
Gross Weight (Actual)	22415.8 g	
Gross Weight (delta)	1415.8 g	
Gross Weight (delta %)	6.32 %	
Weight Discrepancy	Yes	
Discrepancy Witness	VBRAVENEK	
Remarks	No Remarks	

Description of Evidence		Analyst: SWISCHNEWSKY (2020.11.13)
Seals	Intact	
Date Opened	2020-11-12	
Description	One box containing a large round bundle. The bundle was wrapped in several layers of tape and thick plastic. The bundle contained a white powder.	
Consistent With Paperwork?	Yes	
Remarks	No Remarks	

Description of Exhibit and Sampling		Analyst: SWISCHNEWSKY (2020.11.13)
Number of Packages	1 unit	
Number of Units	1 unit	
Package Type	Multilayered Packaging	
Logo/Impression	No	
Gross Form	Powder	
Dry/Moist	Dry	
Exemplar	Yes	
Number of Exemplar Units Tested	1 unit	
Sampling Procedure	15 one gram portions were combined to form a composite. The composite was ground, sieved (20 mesh) and mixed thoroughly for further analysis.	
Deviation from Sampling Plan	No	
Remarks	No Remarks	

Net Weight Equipment : DEA 361257		Analyst: SWISCHNEWSKY (2020.11.13)
Residue	No	
Type of Weighing	Direct Weighing	
Net Weight	20708 g	
Net Weight Uncertainty	1 g	
Remarks	original pkging	
Use Legacy Calculator	No	

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-07571

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	The bundle contained plastic wrapped white powder.	Box (1756073)

Composite Weight

Analyst: SWISCHNEWSKY (2020.11.13)

Equipment : DEA 361270

Reserve Composite Weighed	Yes
Composite Weight	15.05 g
Reserve Composite Weight	14.91 g
Amount Composite Used	0.14 g
Remarks	new ZPB

GC-MS Analysis : Run # 1 - Set # 1 blk

Analyst: SWISCHNEWSKY (2020.11.13)

Equipment : DEA 361446

Negative Control Run	Yes
Negative Control Type	Instrumental/Solvent
Negative Control Result	Pass
Solvent	MeOH
Remarks	No Remarks

GC-MS Analysis : Run # 1 - Set # 2 comp

Analyst: SWISCHNEWSKY (2020.11.13)

Equipment : DEA 361446

Negative Control Run	No
Sample Weighed	No
Solvent	MeOH
Retention Time Matching	No
Remarks	No Remarks

Spectral Result

Constituent	Comments
Cocaine, Salt Undetermined	---

FTIR Analysis : Run # 1 - Set # 1 blk

Analyst: SWISCHNEWSKY (2020.11.13)

Equipment : DEA 361423

Negative Control Run	Yes
Background	Pass
Negative Control Type	Instrumental
Negative Control Result	Pass
Remarks	No Remarks

FTIR Analysis : Run # 1 - Set # 2 comp

Analyst: SWISCHNEWSKY (2020.11.13)

Equipment : DEA 361423

Negative Control Run	No
Sample Prep	direct
Remarks	The absorbance around 3400 does not impact the identification.

Spectral Result

Constituent	Comments
Cocaine Hydrochloride	---

» I.A. Case #: REDACTED / LIMS Case #: 2020-SFL6-07521

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
1	1	The bundle contained plastic wrapped white powder.	Box (1756073)

Reserve Weight		Analyst: SWISCHNEWSKY (2020.11.13)
Equipment : DEA 361120		
Residue?	No	
Type of Calculation	No Calculation	
Reserve Package Plus Drug Weight	20878 g	
Reserve Package Weight	170.8 g	
Reserve Weight	20707.2 g	
Remarks	new ZPB's	

Description of Reserve Evidence		Analyst: SWISCHNEWSKY (2020.11.13)
Description	The remaining sample was placed into 5 new ZPB's and the composite was placed into another new ZPB. The 6 ZPB's were sealed into a new HS PB. The original wrappings were placed into a new ZPB and then were sealed into a new SSEE. The HS PB and the SSEE were sealed into the original box.	
Date Sealed	2020-11-13	
Remarks	No Remarks	

Gross Weight After Analysis		Analyst: SWISCHNEWSKY (2020.11.13)
Equipment : DEA 361257		
Gross Weight After Analysis	22765 g	
Remarks	No Remarks	

Summary of Findings						Analyst: SWISCHNEWSKY (2020.11.13)
Findings						
Exhibit	Gross Wt	Net Wt (Reported)	Net Wt	Reserve Wt	Retained Wt	
1	22.41 kg	20708 g ± 1 g	20708.8 g ± 1.04112 g	20707 g		
Constituent	Purity	APD (Reported)	APD			
Cocaine Hydrochloride						

Deviations		Analyst: SWISCHNEWSKY (2020.11.13)
Description of Deviation	No CSP pulled as per GS Widra. Since the exhibit is only 1 unit, the sampling criteria could not be met.	
Deviation Approved By?	BRWIDRA	